

GWG Secretariat

GWG: NCGIS-mail@nga.mil

TO JOIN THE GWG

1. Apply for an account to the DISRonline at <https://disronline.disa.mil> (PKI required) or send an email to NCGIS-mail@nga.mil
2. Request being added to the GWG Exploder List by sending an email to the DISR Secretariat at DISR-Secretariat@standexp.disa.mil or send an email to NCGIS-mail@nga.mil.
3. Review the Focus Group descriptions on-line at www.ncgis@nga.mil under "GWG" or request them from the Secretariat.

GWG: Inaugurated in January 2005, the Geospatial Intelligence (GEOINT) Standards Working Group (GWG) serves as the community forum for the coordination of GEOINT standards for the National System for Geospatial-Intelligence (NSG). The GWG is led and chaired by the National Geospatial-Intelligence Agency (NGA) National Center for Geospatial Intelligence Standards (NCGIS).

GWG WEB SITE

<http://www.gwg.nga.mil>

STANDARDS...the foundation for interoperability

National Geospatial-Intelligence Agency
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▶ **NGA**



**Geospatial Intelligence
Standards Working
Group (GWG)**

▶ NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY



The GWG is the forum for the National Systems for Geospatial-Intelligence (NSG) representatives to manage GEOINT standards, exchange ideas and communicate issues regarding GEOINT standards requirements, application, and conformance. Persons interested in facilitating the adoption, promulgation and use of GEOINT standards for enabling technologies, data architecture, and software tools are encouraged to participate.

MISSION: The primary responsibilities of the GWG are to 1) coordinate population of the DoD IT Standards Registry (DISR) with GEOINT standards and 2) serve as the NSG Community of Interest for all standardization activities and functions related to GEOINT.

GEOINT STANDARDS enable the discovery, access, use, integration, dissemination, exchange, and exploitation of GEOINT. The GEOINT standards of interest to the GWG also form the thematic basis for the GWG Focus Groups and include:

- Still and motion imagery and gridded data content, format and compression
- Application schemas for geospatial feature encoding, data dictionaries and catalogues
- Geospatial portrayal
- Metadata for geospatial intelligence
- Geospatial intelligence reporting
- Information transfer, exchange and architecture of GEOINT services
- Sensor models for GEOINT services, production and applications

GWG MEMBERS:

The GWG consists of Core, Associate, and Participant members:

Core Members - have primary authority and responsibility for managing GEOINT standards for the NSG:

NGA, CIA, NRO, NSA, Air Force, Army, Navy, Marine Corps, ODNI, OSD (NII and AT&L), CENTCOM, EUCOM, JFCOM, NORTHCOM, PACOM, SOCOM, STRATCOM, Joint Staff (J2), DHS, DOE, DISA, DIA, DLA, DARPA, FGDC

Associate Members - serve as subject matter experts and technical advisors:

INCITS/LI [ANSI Accredited], ISO TC211, OGC, USGIF, DGIWG, JISRCG, Australia, Canada, United Kingdom (Industry is invited to participate via the OGC and USGIF)

Participant members support the efforts of the GWG Core and Associate members by participating in the GWG Focus Groups and general membership.

CRITICAL BASELINE STANDARDS FOR THE GEOINT COMMUNITY:

ISO 19115 Geographic Information – Metadata

ISO 19119 Geographic Information - Services

Geography Mark-up Language (GML)

NSG Feature Data Dictionary (NFDD)

NSG Feature Catalog (NFC)

The Spatial Data Infrastructure 1.0 Baseline (SDI 1.0)*

** Open Geospatial Consortium ® specifications that enable interoperable Standards-based Commercial-Off-the-Shelf (SCOTS) implementations*

GWG – A REGISTERED COMMUNITY OF INTEREST

Within the DoD and the Intelligence Community, a Community of Interest (COI) includes any group whose goal is to enhance net-centric information sharing. With COI registration, the GWG can advance its membership, program of work, and the standards necessary for achieving optimal interoperability.

MANAGING GEOINT STANDARDS IN THE DISR

The GWG Core Members vote on GEOINT standards for inclusion in the DoD IT Standards Registry (DISR). The GWG Focus Groups coordinate among the community's experts to make recommendations for standards to be adopted. The use of DISR standards in an architecture's Technical Standards View (TVs) is mandated for the upgrade of existing systems and acquisition of new systems throughout the DoD.

DISRonline:

<https://disronline.disa.mil> or contact NCGIS at nccgis-mail@nga.mil



Enabling A Common Vision